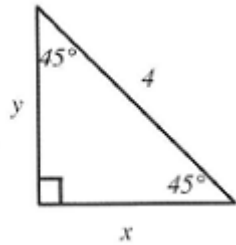


Name _____ Period _____

Geometry Unit 7 Worksheet #4 – Special Right Triangles

For #1 - 16, find the missing sides in the special right triangle. You may need to rationalize the denominator!

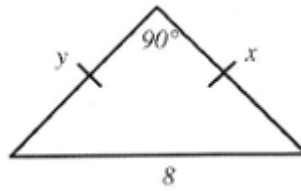
1.



x = _____

y = _____

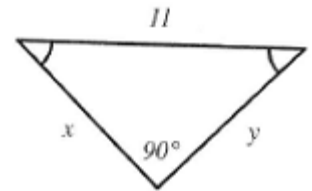
2.



x = _____

y = _____

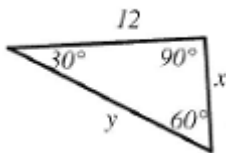
3.



x = _____

y = _____

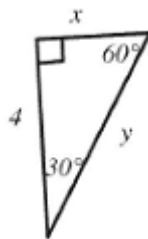
4.



x = _____

y = _____

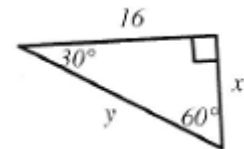
5.



x = _____

y = _____

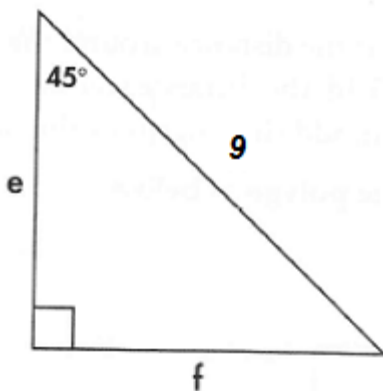
6.



x = _____

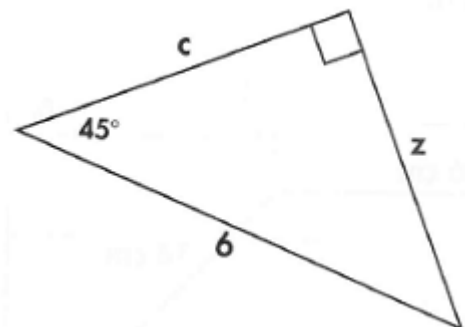
y = _____

7.



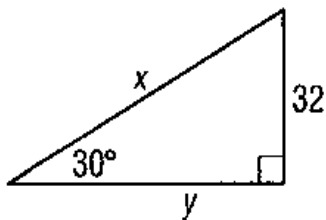
e = _____ f = _____

8.



c = _____ z = _____

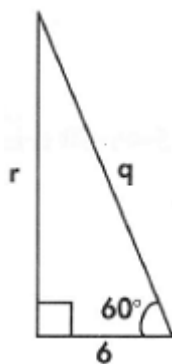
9.



$$x = \underline{\hspace{2cm}}$$

$$y = \underline{\hspace{2cm}}$$

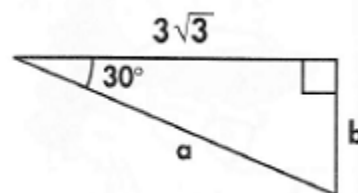
10.



$$r = \underline{\hspace{2cm}}$$

$$q = \underline{\hspace{2cm}}$$

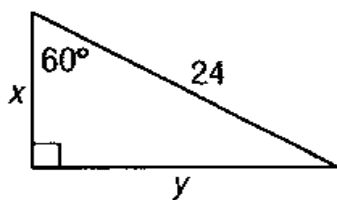
11.



$$a = \underline{\hspace{2cm}}$$

$$b = \underline{\hspace{2cm}}$$

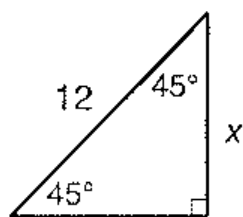
12.



$$x = \underline{\hspace{2cm}}$$

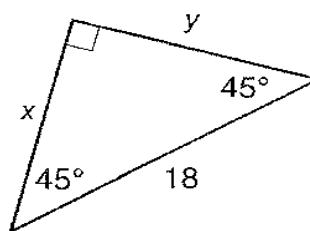
$$y = \underline{\hspace{2cm}}$$

13.



$$x = \underline{\hspace{2cm}}$$

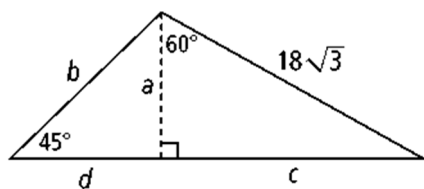
14.



$$x = \underline{\hspace{2cm}}$$

$$y = \underline{\hspace{2cm}}$$

15.



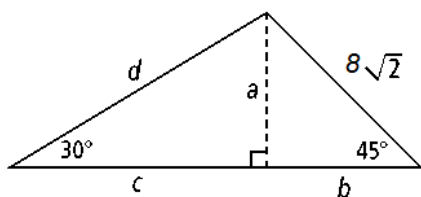
$$a = \underline{\hspace{2cm}}$$

$$b = \underline{\hspace{2cm}}$$

$$c = \underline{\hspace{2cm}}$$

$$d = \underline{\hspace{2cm}}$$

16.



$$a = \underline{\hspace{2cm}}$$

$$b = \underline{\hspace{2cm}}$$

$$c = \underline{\hspace{2cm}}$$

$$d = \underline{\hspace{2cm}}$$